



Urban Forestry Consulting

ENHANCING GROWTH AND STABILITY

A healthy and vibrant urban forest is vital to the overall health of our communities and sustainability of our natural resources. Scientific research has proven that trees clean our air, water and process carbon significantly offsetting the negative impact of population growth and development in our urban areas. By preserving and protecting existing tree cover, communities can address regulatory requirements while realizing the financial, environmental and aesthetic benefits of sustainable urban forests.

WHAT DOES AN URBAN FORESTER DO?

- Assists city and community planners with long term goals and strategies to preserve and enhance existing tree cover.
- Utilizes digital mapping and inventory platforms (such as GIS and Autocad) to map and record existing conditions and long term maintenance.
- Collaborates across industries to design and implement plans that address environmental regulations and permits.
- Manages the tree canopy for long term sustainability.
- Consults with public works and maintenance staff with cutting edge approaches to manage invasive species, predatory insects and diseases that threaten the health of the urban forest.

EXAMPLE SERVICES

MS4 Permit Planning and Compliance | Urban Forest Management Plans | Tree Inventory Tracking and Valuation | Canopy Analysis and Mapping (GIS based) | Tree and Native Landscape Ordinances | Storm Damage Assessment and Response | Tree Preservation, Planning and Implementation During Construction | Land Management Master Planning | Tree Insect and Disease Diagnosis | Tree Risk Assessment

VALUE-ADDED

This is the future of combating environmental issues while enhancing the livability and well-being of communities in growing urban centers.

BENEFIT OF URBAN FORESTS



ENVIRONMENTAL

- Reduces impact of urban heat islands and consequential weather pattern disruptions. Overall temperature reduction.
- Pollution removal: Mitigates pollution through uptake and trapping solid pollutants.
- Controls volatility.
- Improves air quality with reduced carbon and increased oxygen.
- Filters water.
- Controls stormwater and reduces runoff, erosion, and flooding.



PHYSICAL

- Combats asthma.
- Correlates with increased exercise and reduced ADHD.
- Correlates with increased recovery times.



SOCIAL

- Provides places to recreate and congregate.
- Provides shelter, safety, and quiet.
- Adds color, form, and structure to the designed environment.
- Provides animal habitats.



ECONOMIC

- High-value pollution removal.
- Increases property value **(up to 15%)**.
- Reduces summer cooling costs and winter heating (windbreaks).
- Increases incentive to live, work, spend in urban areas; tree-lined streets attract businesses and tourism and improve employee well-being/satisfaction.
- Reduces stormwater management infrastructure needs.
- Cuts repaving needs **in half**.
- High-value carbon sequestration and carbon storage.

AFFILIATIONS

International Society of Arboriculture

American Society of Consulting Arborists

STAFF CERTIFICATIONS

International Society of Arboriculture

- Board Certified Master Arborist PD-1829BM
- Tree Risk Assessment Qualified
- Certified Municipal Specialist

American Society of Consulting Arborists

- Tree and Plant Appraisal Qualification
- Registered Consulting Arborist #711

Pennsylvania Pesticide Applicator



asca | **RCA**
Registered Consulting Arborist®